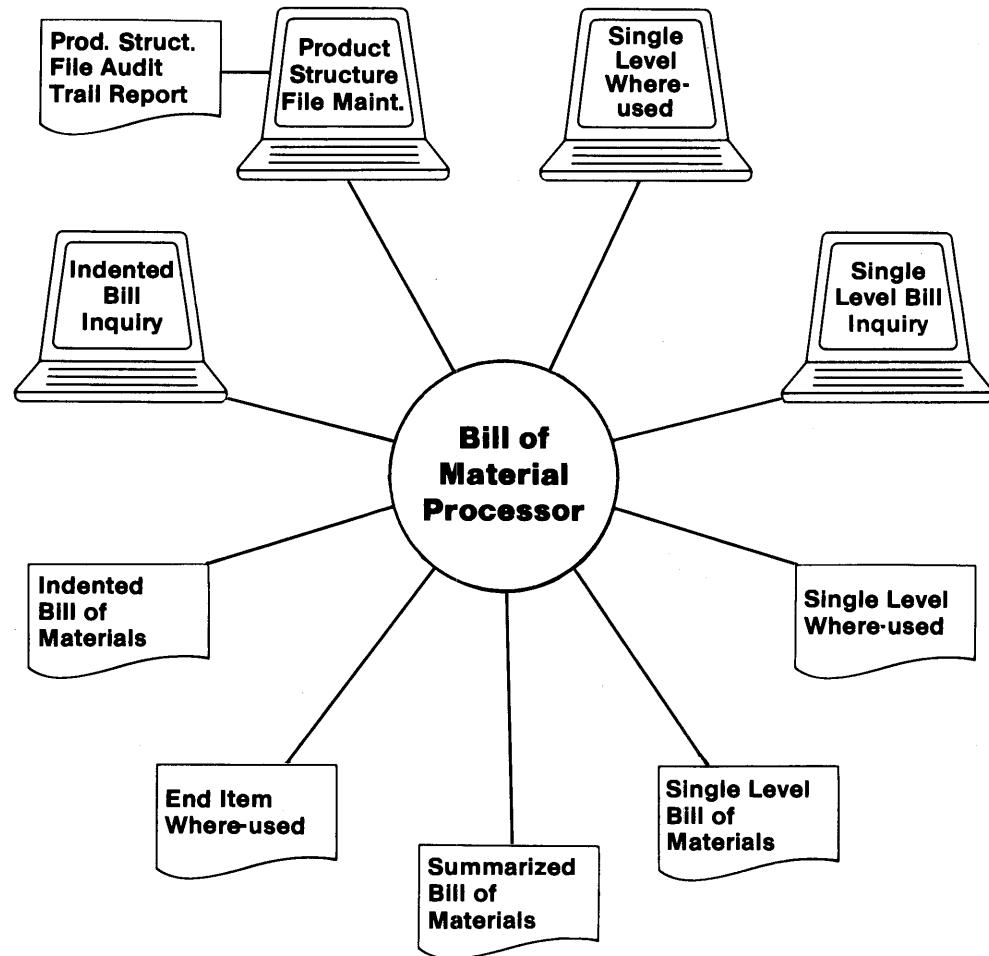
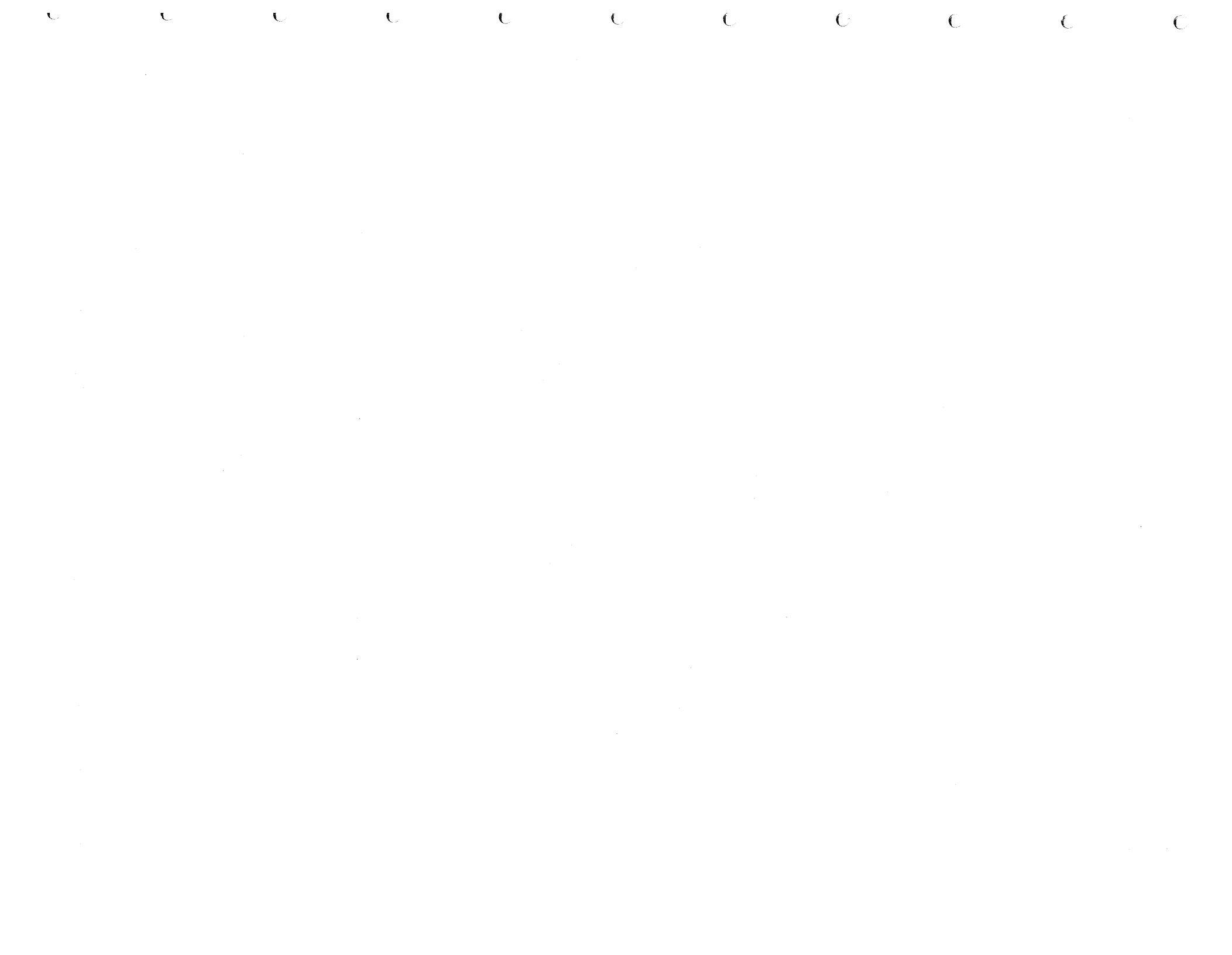


BILL OF MATERIAL PROCESSOR

in COBOL





Sample Screen Formats for Bill of Material Processor—COBOL

BILL OF MATERIAL PROCESSOR	M.C.B.A. DEMO FURNITURE COMP.
PLEASE SELECT --	
1. PRODUCT STRUCTURE FILE MAINTENANCE 2. SINGLE LEVEL BILL OF MATERIAL INQUIRY 3. INDENTED BILL OF MATERIAL INQUIRY 4. SINGLE LEVEL WHERE-USED INQUIRY 5. PRINT SINGLE LEVEL BILL OF MATERIAL 6. PRINT INDENTED BILL OF MATERIAL 7. PRINT SINGLE LEVEL WHERE-USED 8. PRINT END ITEM WHERE-USED 9. PRINT SUMMARIZED BILL OF MATERIAL 10. PRINT SPOOLED REPORTS	

BILL OF MATERIAL PROCESSOR	M.C.B.A. DEMO FURNITURE COMP.
PLEASE SELECT --	
11. BOMP CONTROL FILE MAINTENANCE 12. RESET LOW LEVEL CODES	

SET UP BILL OF MATERIAL PROCESSOR DATA FILES	M.C.B.A. DEMO FURNITURE COMP.
ENTER THE NUMBER OF RECORDS TO ALLOW FOR EACH FILE BELOW (LEAVE THE FIELD BLANK IF A FILE IS NOT TO BE CREATED)	
1. PRODUCT STRUCTURE FILE 5000 2. PRODUCT STRUCTURE AUDIT TRAIL FILE 500 3. PRODUCT STRUCTURE COPY WORK FILE 200 4. MASS REPLACE WORK FILE 500 5. SUMMARIZED BILL OF MATERIAL WORK FILE 1000	

Sample Screen Formats for Bill of Material Processor—COBOL

PRODUCT STRUCTURE FILE MAINTENANCE	M.C.B.A. DEMO FURNITURE COMP.
PLEASE SELECT _	
1. ADD NEW PRODUCT STRUCTURE ITEMS	
2. CHANGE/INQUIRE PRODUCT STRUCTURE ITEMS	
3. DELETE PRODUCT STRUCTURE ITEMS	
4. COPY PRODUCT STRUCTURES	
5. MASS REPLACE ITEMS IN PRODUCT STRUCTURE FILE	
6. PRINT PRODUCT STRUCTURE FILE AUDIT TRAIL	

PRODUCT STRUCTURE FILE MAINTENANCE	M.C.B.A. DEMO FURNITURE COMP.
ADD	
THE SEQUENCE NUMBER WILL DEFAULT TO THE LAST USED SEQUENCE NUMBER PLUS THE FOLLOWING INCREMENT	
PLEASE ENTER THE SEQUENCE INCREMENT VALUE 10	

PRODUCT STRUCTURE FILE MAINTENANCE	M.C.B.A. DEMO FURNITURE COMP.	
CHANGE/INQUIRE		
1. PARENT ITEM NO	E202	Single Pedestal Desk ** Vinyl Sides Option ** UNIT OF MEASURE EA
2. COMPONENT ITEM NO	C800	Vinyl Padding, Red UNIT OF MEASURE YD
3. SEQUENCE NO	10	
4. QTY PER ASSEMBLY	6.0000	
5. ATTACHING OPERATN	10	
6. SHRINK/SCRAP FCTR	.1	
7. ACTIVITY FLAG	A	
8. USER DEFINED	RF-201	
ITEM NUMBER TO CHANGE ? ___		

Sample Screen Formats for Bill of Material Processor—COBOL

PRODUCT STRUCTURE FILE MAINTENANCE COPY		M.C.B.A. DEMO FURNITURE COMP.
1. FROM ITEM NO	E1000	Desk, Mahogany - 30 x 60 UNIT OF MEASURE EA
2. TO ITEM NO	E1100	Desk, Mahogany - Padded Sides UNIT OF MEASURE EA
3. INCREMENT	10	
4. ACTIVITY FLAG	A	
5. USER DEFINED	RF-36	
ITEM NUMBER TO CHANGE ? ---		<i>COPY ENTIRE PRODUCT STRUCTURES</i>

PRODUCT STRUCTURE FILE MAINTENANCE MASS REPLACE		M.C.B.A. DEMO FURNITURE COMP.
1. OBSOLETE ITEM NO	A400	Drawer, File
2. REPLACEMENT ITEM NO	B100	Drawer, Standard Letter Size
ITEM NUMBER TO CHANGE ? ---		

PRODUCT STRUCTURE FILE MAINTENANCE PRINT AUDIT TRAIL		M.C.B.A. DEMO FURNITURE COMP.
1. STARTING ITEM NO	ALL	
2. ENDING ITEM NO		
3. STARTING DATE	ALL	
4. ENDING DATE		
5. PURGE FILE ?	N	
ITEM NUMBER TO CHANGE ? ---		

Sample Screen Formats for Bill of Material Processor—COBOL

INDENTED BILL OF MATERIAL INQUIRY		M.C.B.A. DEMO FURNITURE COMP.
1. PARENT ITEM NO E1000 Desk, Mahogany - 30 x 60 2. BLOW THROUGH? N 3. NO OF LEVELS TO EXPLODE 11 4. SHOW ACTIVE ITEMS? Y 5. SHOW FORECASTED ITEMS? N 6. SHOW OBSOLETE ITEMS ? N		
ITEM NUMBER TO CHANGE ? ---		

INDENTED BILL OF MATERIAL INQUIRY		M.C.B.A. DEMO FURNITURE COMP.	
PARENT ITEM NO: E1000	Desk, Mahogany - 30 x 60	LLC 1 *ACT*	
11 LEVELS			
LV SEQ	COMPONENT ITEM	QUANTITY U/M DESCRIPTION	ATT A S C
		PER LLC	OP P
1 10	D400	.2500 BX Pumice (Fine) 5 LB box	60 A Y N
		2	P
1 20	D600	3.0000 BX Pumice (Coarse) 32 Oz. Box	60 A Y N
		2	P
1 30	C1400	2.0000 EA Panel, Front Desk - Mahogany	60 A Y Y
		2	M
2 10	C700	1.0000 EA Veneer Mahogany - 1/16x60x120	30 A Y Y
		2	P
2 20	C600	1.0000 EA Particle Board 1x121x31 (36LB)	30 A Y Y
		2	P
2 30	D500	.3000 QT Glue - Pressure Sensitive (Qt)	30 A Y N
		2	P
2 40	D400	.1000 BX Pumice (Fine) 5 LB box	30 A Y N
		2	P
1 40	A600	1.0000 EA Top, Desk 30x60x1 (IN)	60 A Y Y
		2	M
F1 = NEXT PAGE			

SINGLE LEVEL WHERE-USED INQUIRY		M.C.B.A. DEMO FURNITURE COMP.
COMPONENT ITEM NO: C700	Veneer Mahogany - 1/16x60x120	LLC 2
ONLY SHOW ACTIVE ? N		
PARENT ITEM	LLC U/M DESCRIPTION	PROD ATT A S C ENGRN
A600	2 EA Top, Desk 30x60x1 (IN)	CAT OP 20 A Y Y YZ221
C1400	2 EA Panel, Front Desk - Mahogany	30 A Y Y Y13
NO MORE USES		PRESS "RETURN"

Sample Screen Formats for Bill of Material Processor—COBOL

SINGLE LEVEL BILL OF MATERIAL INQUIRY				M.C.B.A. DEMO FURNITURE COMP.			
PARENT ITEM NO:	A500	Ls, Pine 2 x 3 x 2.5 (ft)		LLC 2			
BLOW THROUGH ?	N						
COMPONENT ITEM	SEQ	QUANTITY	U/M DESCRIPTION		ATT	SCRAP	A S C P
		PER	LLC		OP	%	
C500	10	1.0000	EA Pine Board, 2" x 4 x 8 2		10	20.0	A Y Y P
D300	20	2.0000	EA Bracket, Aluminum 4" 2		10	.0	A Y Y P
D100	30	.2500	QT Stain, Mahogany (1 Qt. Can) 2		11	.0	A Y N P
D200	40	4.0000	EA Screw, Wood 1/8 x 3/4 2		10	.0	A Y N P

END OF BILL **PRESS "RETURN"**

PRESS "RETURN"

PRINT SINGLE LEVEL BILL OF MATERIAL M-C-B-A. DEMO FURNITURE COMP.

1. STARTING PARENT ITEM NO	E1000
2. ENDING PARENT ITEM NO	E1000
3. PRINT ACTIVE ITEMS ?	Y
4. PRINT FORECASTED ITEMS ?	N
5. PRINT OBSOLETE ITEMS ?	N
6. INCLUDE ENGINEERING DATA ?	Y
7. INCLUDE INVENTORY DATA ?	Y
8. BLOW THROUGH PHANTOM ITEMS ?	Y

ITEM NUMBER TO CHANGE ? ---

PRINT END ITEM WHERE-USED M.C.B.A. DEMO FURNITURE COMP.

1. STARTING COMPONENT ITEM NO	C100
2. ENDING COMPONENT ITEM NO	C300
3. PRINT ACTIVE ITEMS ?	Y
4. PRINT FORECASTED ITEMS ?	N
5. PRINT OBSOLETE ITEMS ?	N
6. END ITEM CODES TO PRINT	E

ITEM NUMBER TO CHANGE ?



Sample Screen Formats for Bill of Material Processor—COBOL

PRODUCT STRUCTURE FILE MAINTENANCE		M.C.B.A. DEMO FURNITURE COMP.
ITEM DESCRIPTION Desk		
ITEM NO	DESCRIPTION	
1. C200	Desk Top, Walnut - 60 x 30	
2. C100	Desk Top, Walnut - 72 x 36	
3. E1000	Desk, Mahogany - 30 x 60	
4. E1100	Desk, Mahogany - Padded Sides	
SELECT ITEM --		

ACCESS ITEMS
BY PARTIAL
DESCRIPTION

PRINT SPOOLED REPORTS		M.C.B.A. DEMO FURNITURE COMP.			
FILE NAME	STATION	USER ID	DATE	TIME	STATUS
1. ENDUSD - 01	01	JDM000	05/19/82	0:36 A.M.	COMPLETE
2. INDBOM - 01	01	JDM000	05/19/82	0:34 A.M.	COMPLETE
3. PRDAUD - 01	01	JDM000	05/19/82	0:27 A.M.	COMPLETE
4. SGLBOM - 02	01	JDM000	05/19/82	0:33 A.M.	COMPLETE
5. SGLUSD - 01	01	JDM000	05/19/82	0:35 A.M.	COMPLETE
6. SUMBOM - 01	01	JDM000	05/19/82	0:38 A.M.	SPOOLING
REPORT NUMBER --- F1 = NEXT PAGE F2 = PREVIOUS PAGE F8 = SHOW REPORTS FOR ALL SYSTEMS					

SELECT OPTIONS
WITH FUNCTION
KEYS

Sample Print-Outs for Bill of Material Processor—COBOL

RUN DATE: MAY 22, 1982 - 14:23 M. C. B. A. DEMO FURNITURE COMPANY PAGE 0001

PRODUCT STRUCTURE FILE AUDIT TRAIL REPORT

RANGES: ALL DATES
ALL PARENT ITEMS

ACTIONS: A = ADDITION B = BEFORE CHANGE C = CHANGE D = DELETION R = REPLACE

PARENT ITEM ACTION	DATE TIME	USER-ID TERMINAL	SEQ NO	DESCRIPTION	COMPONENT ITEM ORIG COMPONENT	QTY-PER OPER	ATT	SCRAP FLAG	ACT	USER DEFINED
B400 B 05/14/82 00:06:17	SYSTEM 4	50	Hardware, Face	B600	1.0000	25	.0	A		
B400 C 05/14/82 00:06:17	SYSTEM 4	50	Hardware, Face	B600	2.0000					
E1000 B 05/22/82 14:20:32	SYSTEM 4	10	Pumice (Fine) 5 LB box	D400	.2500	60	.0	A		
E1000 C 05/22/82 14:20:32	SYSTEM 4	10	Pumice (Fine) 5 LB box	D400					RF-10	
E1000 B 05/22/82 14:21:06	SYSTEM 4	30	Panel, Front Desk - Mahogany	C1400	2.0000	60	.0	A		
E1000 C 05/22/82 14:21:07	SYSTEM 4	30	Panel, Front Desk - Mahogany	C1400					RF-10A	
E202 A 05/19/82 00:24:51	JDM000 1	10	Vinyl Padding, Red	C800	4.0000	10	.1	A		
E202 B 05/22/82 14:19:21	SYSTEM 4	10	Vinyl Padding, Red	C800	4.0000	10	.1	A		
E202 C 05/22/82 14:19:21	SYSTEM 4	10	Vinyl Padding, Red	C800	6.0000				RF-201	

RUN DATE: MAY 19, 1982 - 00:34 M. C. B. A. DEMO FURNITURE COMPANY PAGE 0001

INDENTED BILL OF MATERIAL

RANGES: PARENT ITEM NO E1000 THRU E1000

ENGINEERING DATA
ACTIVE ITEMS ONLY
11 LEVELS WITH NO BLOW THROUGH

FOR PARENT ITEM E1000	Desk, Mahogany - 30 x 60	LOW LEVEL CODE 1 ENGRN RELSE YY3003											
LEV SEQ COMPONENT ITEM	QTY-PER U/M LLC PARENT	COMPONENT DESCRIPTION	ATTCH OPER FACTR	SCRAP FLG	ACT FLG	STK FLG	CTL FLG	P/M CDE	ENG RLS	ENG REV	RTE RLS	RTE REV	RTE NUM
1 10 D400	.2500 BX	2 Pumice (Fine) 5 LB box	60	.0	A	Y	N	P					
1 20 D600	3.0000 BX	2 Pumice (Coarse) 32 Oz. Box	60	.0	A	Y	N	P					
1 30 C1400	2.0000 EA	2 Panel, Front Desk - Mahogany	60	.0	A	Y	Y	M	Y13	00 R-13	5		
2 10 C700	1.0000 EA	2 Veneer Mahogany - 1/16x60x120	30	15.0	A	Y	Y	P					
2 20 C600	1.0000 EA	2 Particle Board 1x121x31 (36LB)	30	20.0	A	Y	Y	P					
2 30 D500	.3000 QT	2 Glue - Pressure Sensitive (Qt)	30	.0	A	Y	N	P					
2 40 D400	.1000 BX	2 Pumice (Fine) 5 LB box	30	.0	A	Y	N	P					
1 40 A600	1.0000 EA	2 Top, Desk 30x60x1 (IN)	60	.0	A	Y	Y	M	YZ221	01 R-311	01 15		
2 10 C700	1.0000 EA	2 Veneer Mahogany - 1/16x60x120	20	15.0	A	Y	Y	P					
2 20 C600	1.0000 EA	2 Particle Board 1x121x31 (36LB)	10	15.0	A	Y	Y	P					
2 30 D400	.0250 BX	2 Pumice (Fine) 5 LB box	11	.0	A	Y	N	P					
2 40 D100	.5000 QT	2 Stain, Mahogany (1 Qt. Can)	11	.0	A	Y	N	P					
2 50 D500	.2500 QT	2 Glue - Pressure Sensitive (Qt)	11	.0	A	Y	N	P					
1 50 D700	.2000 SG	2 Rubbing Oil (5 Gal Can)	60	.0	A	Y	'N	P					
1 60 A500	4.0000 EA	2 Leg, Pine 2 x 3 x 2.5 (ft)	60	.0	A	Y	Y	M	Y802	01 R-43	00 105		
2 10 C500	1.0000 EA	2 Pine Board, 2" x 4 x 8	10	20.0	A	Y	Y	P					
2 20 D300	2.0000 EA	2 Bracket, Aluminum 4"	10	.0	A	Y	Y	P					
2 30 D100	.2500 QT	2 Stain, Mahogany (1 Qt. Can)	11	.0	A	Y	N	P					
2 40 D200	4.0000 EA	2 Screw, Wood 1/8 x 3/4	10	.0	A	Y	N	P					
1 70 D200	16.0000 EA	2 Screw, Wood 1/8 x 3/4	60	.0	A	Y	N	P					

Sample Print-Outs for Bill of Material Processor—COBOL

RUN DATE: MAY 19, 1982 - 00:35

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

S I N G L E L E V E L W H E R E - U S E D

RANGES: COMPONENT ITEMS C100
ACTIVE ITEMS

THRU C500

PARENT ITEM	U/M	LLC	PARENT DESCRIPTION	PROD CAT	ATTCH OPER	ACT FLG	STK FLG	CTL FLG	ENGNR RELSE
COMPONENT ITEM C100									
Desk Top, Walnut - 72 x 36									
							LOW LEVEL CODE	1	ENGNR RELSE
E201	EA	0	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602
E400	EA	0	Double Pedestal Desk	DK1	90	A	N	Y	YY3103
COMPONENT ITEM C1000									
Top, Walnut - 42 x 18									
							LOW LEVEL CODE	2	ENGNR RELSE
E100	EA	1	Typing Return - Right Side Walnut	DK2	90	A	N	Y	Y36060
COMPONENT ITEM C1400									
Panel, Front Desk - Mahogany									
							LOW LEVEL CODE	2	ENGNR RELSE Y13
E1000	EA	1	Desk, Mahogany - 30 x 60	DK2	60	A	N	Y	YY3003
COMPONENT ITEM C200									
Desk Top, Walnut - 60 x 30									
							LOW LEVEL CODE	2	ENGNR RELSE
E200	EA	1	Single Pedestal Desk Model # 300	DK1	90	A	N	Y	YY3602
E201	EA	0	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602
COMPONENT ITEM C300									
Leg, Stainless Steel - 30"									
							LOW LEVEL CODE	3	ENGNR RELSE
A100	EA	2	Base Assembly, 60 x 30 x 30		15	A	N	N	Y43010
COMPONENT ITEM C400									
Modesty Panel, Walnut - 30"									
							LOW LEVEL CODE	1	ENGNR RELSE
E400	EA	0	Double Pedestal Desk	DK1	90	A	N	Y	YY3103
COMPONENT ITEM C500									
Pine Board, 2" x 4 x 8									
							LOW LEVEL CODE	2	ENGNR RELSE
A500	EA	2	Leg, Pine 2 x 3 x 2.5 (ft)		10	A	Y	Y	Y802

RUN DATE: MAY 19, 1982 - 00:33

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

S I N G L E L E V E L B I L L O F M A T E R I A L

RANGES: PARENT ITEM NO E1000

ACTIVE ITEMS

WITH BLOW THROUGH

INVENTORY QUANTITIES REFLECT TOTALS FOR ALL LOCATIONS (ON ORDER QUANTITY IS FOR THE DEFAULT LOCATION ONLY)

COMPONENT ITEM	SEQ NO	QTY PER PARENT	U/M	LLC	COMPONENT DESCRIPTION	ATTCH OPER	SCRAP FACTOR	ACT FLG	STK FLG	CTL FLG	P/M CODE	ENGNR RELSE	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER
PARENT ITEM E1000															
Desk, Mahogany - 30 x 60															
								LOW LEVEL CODE	1	ENGNR RELSE	YY3003				
D400	10	.2500	BX	2	Pumice (Fine) 5 LB box	60	.0	A	Y	N	P		7	0	10
D600	20	3.0000	BX	2	Pumice (Coarse) 32 Oz. Box	60	.0	A	Y	N	P		5	0	0
C1400	30	2.0000	EA	2	Panel, Front Desk - Mahogany	60	.0	A	Y	Y	M	Y13	44	0	0
A600	40	1.0000	EA	2	Top, Desk 30x60x1 (IN)	60	.0	A	Y	Y	M	YZ221	12	0	50
D700	50	.2000	SG	2	Rubbing Oil (5 Gal Can)	60	.0	A	Y	N	P		7	0	5
A500	60	4.0000	EA	2	Leg, Pine 2 x 3 x 2.5 (ft)	60	.0	A	Y	Y	M	Y802	55	0	0
D200	70	16.0000	EA	2	Screw, Wood 1/8 x 3/4	60	.0	A	Y	N	P		0	0	0

Sample Print-Outs for Bill of Material Processor—COBOL

RUN DATE: MAY 19, 1982 - 00:36

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

END ITEM WHERE USED

RANGES: COMPONENT ITEMS C100
ACTIVE ITEMS
END ITEM CODES E

THRU C300

LEVEL	PARENT ITEM	LLC	U/M	PARENT DESCRIPTION	PROD CAT	ATTCH OPER	ACT FLG	STK FLG	CTL FLG	ENGRN RELSE	SUMMARIZED QTY RQD
FOR COMPONENT ITEM C100											
1	E201	0	EA	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602	1.0000
1	E400	0	EA	Double Pedestal Desk	DK1	90	A	N	Y	YY3103	1.0000
FOR COMPONENT ITEM C1000											
1	E100	1	EA	Typing Return - Right Side Walnut	DK2	90	A	N	Y	Y36060	1.0000
2	E300	0	EA	Secretarial Unit (S. P. Desk + Right Return)	DK1		A	N	Y	Y31	1.0000
FOR COMPONENT ITEM C1400											
1	E1000	1	EA	Panel, Front Desk - Mahogany	DK2	60	A	N	Y	YY3003	2.0000
2	E1100	0	EA	Desk, Mahogany - Padded Sides	DK2	61	A	N	Y	YY3003	2.0000
FOR COMPONENT ITEM C200											
1	E200	1	EA	Single Pedestal Desk Model # 300	DK1	90	A	N	Y	YY3602	1.0000
2	E300	0	EA	Secretarial Unit (S. P. Desk + Right Return)	DK1		A	N	Y	Y31	1.0000
1	E201	0	EA	Single Pedestal Desk ** Exec Top Option **	DK1		A	N	N	YY3602	1.0000-
FOR COMPONENT ITEM C300											
2	E200	1	EA	Less, Stainless Steel - 30"	DK1	90	A	N	Y	YY3602	4.0000
3	E300	0	EA	Single Pedestal Desk Model # 300	DK1		A	N	Y	Y31	4.0000
2	E400	0	EA	Secretarial Unit (S. P. Desk + Right Return)	DK1	90	A	N	Y	YY3103	4.0000

Sample Print-Outs for Bill of Material Processor—COBOL

RUN DATE: MAY 19, 1982 - 00:38

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0001

SUMMARIZED BILL OF MATERIAL

RANGES: PARENT ITEMS E
ACTIVE ITEMS ONLY
11 LEVELS WITH BLOW THROUGH
PURCHASED ITEMS ONLY

INVENTORY QUANTITIES REFLECT TOTALS FOR ALL LOCATIONS (ON ORDER QUANTITY IS FOR THE DEFAULT LOCATION ONLY)

FOR PARENT ITEM E100

Type in Return - Right Side
Walnut

LOW LEVEL CODE 1 ENGRN RELSE Y36060

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT STK CTL P/M	FLG FLG FLG CDE	BUY COMM ANL CODE
B100	1.0000	EA	3	Drawer, Standard Letter Size	175	0	240	A Y Y P	2 WD02	
B200	1.0000	EA	3	Slide Mechanism - Std	543	0	0	A Y Y P	1 ST01	
B300	1.0000	EA	3	Hardware Mounting, Drawer Box	163	0	0	A Y Y P	1 ST03	
B500	1.0000	EA	3	Slide Mechanism, File	231	0	0	A Y Y P	1 ST02	
B600	2.0000	EA	3	Hardware, Face	260	0	200	A Y Y P	1 ST02	
C1000	1.0000	EA	2	Top, Walnut - 42 x 18	53	0	500	A Y Y P	2 WD01	

RUN DATE: MAY 19, 1982 - 00:38

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0002

SUMMARIZED BILL OF MATERIAL

FOR PARENT ITEM E1000

Desk, Mahogany - 30 x 60

LOW LEVEL CODE 1 ENGRN RELSE YY3003

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT STK CTL P/M	FLG FLG FLG CDE	BUY COMM ANL CODE
D200	16.0000	EA	2	Screw, Wood 1/8 x 3/4	0	0	0	A Y N P	2 MS01	
D400	.2500	BX	2	Pumice (Fine) 5 LB box	7	0	10	A Y N P	2 MS02	
D600	3.0000	BX	2	Pumice (Coarse) 32 Oz. Box	5	0	0	A Y N P	2 MS02	
D700	.2000	SG	2	Rubbing Oil (5 Gal Can)	7	0	5	A Y N P	2 MS02	

RUN DATE: MAY 19, 1982 - 00:38

M. C. B. A. DEMO FURNITURE COMPANY

PAGE 0003

SUMMARIZED BILL OF MATERIAL

FOR PARENT ITEM E1100

Desk, Mahogany - Padded Sides

LOW LEVEL CODE 0 ENGRN RELSE YY3003

COMPONENT ITEM	SUMMARIZED QTY REQ	U/M	LLC	COMPONENT DESCRIPTION	QTY ON-HAND	QTY ALLOC	QTY ON-ORDER	ACT STK CTL P/M	FLG FLG FLG CDE	BUY COMM ANL CODE
C800	3.0000	YD	1	Vinyl Padding, Red	126	0	0	A Y Y P	2 MS02	

CONTINUED ON NEXT PAGE

Sample Print-Outs for Bill of Material Processor—COBOL

RUN DATE: MAY 19, 1982 - 00:38 M. C. B. A. DEMO FURNITURE COMPANY PAGE 0004

S U M M A R I Z E D B I L L O F M A T E R I A L

FOR PARENT ITEM E200			Single Pedestal Desk Model # 300			LOW LEVEL CODE	1	ENGNR RELSE YY3602						
COMPONENT ITEM	SUMMARIZED QTY REQ	U/M LLC	COMPONENT DESCRIPTION			QTY ON-HAND	QTY ALLOC	QTY	ACT STK CTL P/M	FLG FLG CDE	BUY COMM	ANL CODE		
B100	1.0000	EA	3	Drawer, Standard Letter Size		175	0	240	A Y Y P	2	WD02			
B200	1.0000	EA	3	Slide Mechanism - Std		543	0	0	A Y Y P	1	ST01			
B300	1.0000	EA	3	Hardware Mounting, Drawer Box		163	0	0	A Y Y P	1	ST03			
B500	1.0000	EA	3	Slide Mechanism, File		231	0	0	A Y Y P	1	ST02			
B600	2.0000	EA	3	Hardware, Face		260	0	200	A Y Y P	1	ST02			
B700	4.0000	EA	3	Hardware, Leg		122	0	0	A Y Y P	1	ST01			
C200	1.0000	EA	2	Desk Top, Walnut - 60 x 30		729	0	0	A Y Y P	2	WD03			
C300	4.0000	EA	3	Legs, Stainless Steel - 30"		158	0	600	A Y Y P	1	ST01			
C900	1.0000	EA	2	Modesty Panel - 45"		125	0	0	A Y Y P	2	WD02			

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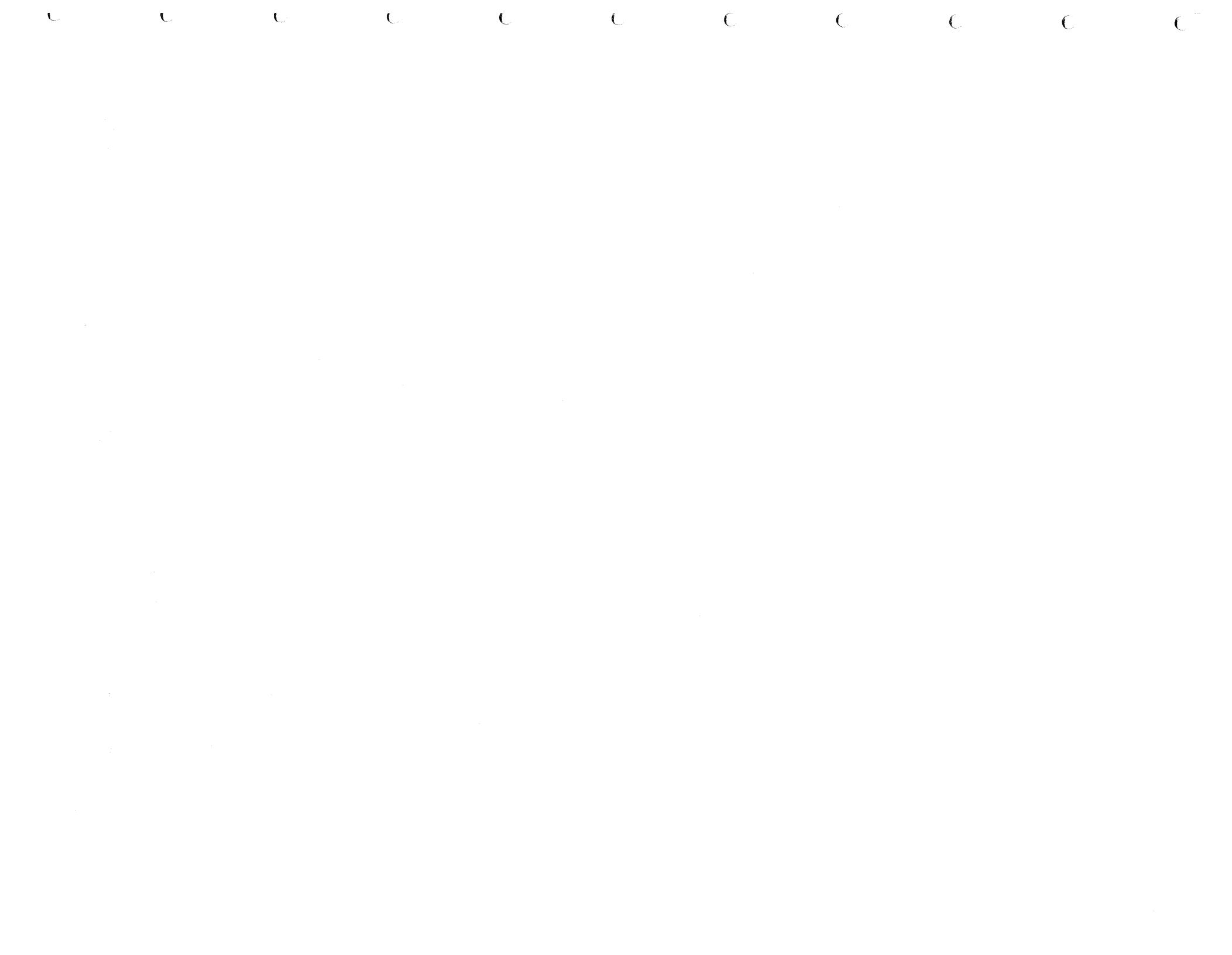
S U M M A R I Z E D B I L L O F M A T E R I A L

FOR PARENT ITEM E201			Single Pedestal Desk ** Exec Top Option **			LOW LEVEL CODE	0	ENGNR RELSE YY3602						
COMPONENT ITEM	SUMMARIZED QTY REQ	U/M LLC	COMPONENT DESCRIPTION			QTY ON-HAND	QTY ALLOC	QTY	ACT STK CTL P/M	FLG FLG CDE	BUY COMM	ANL CODE		
C100	1.0000	EA	1	Desk Top, Walnut - 72 x 36		335	0	300	A Y Y P	2	WD03			
C200	1.0000-	EA	2	Desk Top, Walnut - 60 x 30		729	0	0	A Y Y P	2	WD03			

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S U M M A R I Z E D B I L L O F M A T E R I A L

FOR PARENT ITEM E202			Single Pedestal Desk ** Vinyl Sides Option **			LOW LEVEL CODE	0	ENGNR RELSE YY3602						
COMPONENT ITEM	SUMMARIZED QTY REQ	U/M LLC	COMPONENT DESCRIPTION			QTY ON-HAND	QTY ALLOC	QTY	ACT STK CTL P/M	FLG FLG CDE	BUY COMM	ANL CODE		
C800	4.0000	YD	1	Vinyl Padding, Red		126	0	0	A Y Y P	2	MS02			





COBOL

BILL OF MATERIAL PROCESSOR

Technical Specifications

Program Sizes

The program for the Bill of Material Processor package occupies approximately 981K bytes of disk space.

Memory Requirements

In terms of memory, the largest amount of memory required for any single task is approximately 59K bytes. This includes roughly 23K bytes of re-entrant code, so each additional Bill of Material Processor user would only require an additional 36K bytes of memory.

File Sizes

Approximate file requirements can be calculated from the following table. Because of the nature of the file handling (ISAM) and the operating system fragmentation of files, exact requirements cannot be given. However, the following is reasonably accurate.

File	Disk space in K bytes per 1,000 records
Product Structures	133
Audit Trail	129

These are the permanent files in the system. The transaction files are deleted after each posting and do not ordinarily grow extremely large between postings.